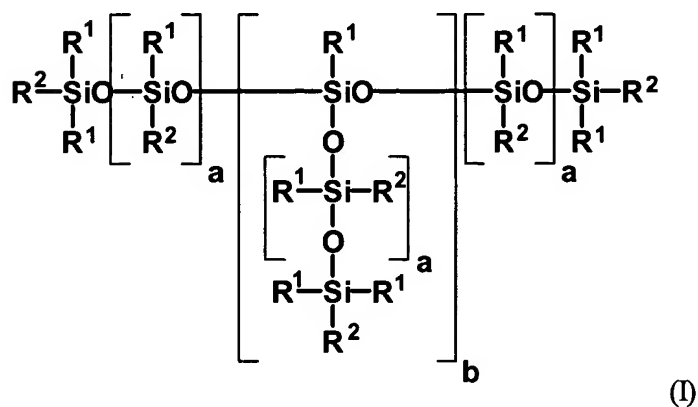


Claims:

1. An organopolysiloxane copolymer comprising, on average, at least one polyester group bonded to a siloxane via a spacer and, on average, at least one hydrophilic group bonded to the siloxane via a spacer, of the general formula (I):



in which

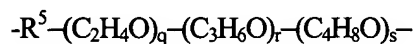
$\text{R}^1$  are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

$\text{R}^2$  independently of one another are  $\text{R}^1$ ,  $-\text{A}-\text{R}^3$  or  $-\text{B}-\text{R}^4$

in which

$-\text{A}-$  is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

and/or is a divalent polyoxyalkylene group of the general average formula



in which

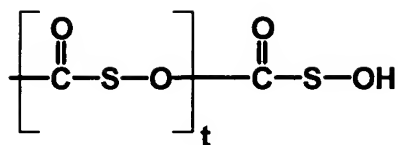
$q = 1$  to 100,

$r = 0$  to 100,

$s = 0$  to 100,

$\text{R}^5$  is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

$\text{R}^3$  is a polyester radical of the general formula



in which

t is integers in the range from 1 to 10, and  $[-(\text{O}=\text{C})-\text{S}-\text{O}-]$  is the fragment of a corresponding hydroxycarboxylic acid

$\text{HO}-(\text{O}=\text{C})-\text{S}-\text{OH}$ , in which

$-\text{S}-$  is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group  $[\text{HO}-\text{C}(\text{O})-]$  and the hydroxyl group  $[-\text{OH}]$ ;

$-\text{B}-$  acts as a spacer between siloxane backbone and the radical  $\text{R}^4$ ,

$\text{R}^4$  is a hydrophilic radical of the general average formula

$-\text{R}^6-(\text{C}_2\text{H}_4\text{O})_q-(\text{C}_3\text{H}_6\text{O})_r-(\text{C}_4\text{H}_8\text{O})_s-\text{R}^7$  in which

q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

$\text{R}^6$  is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

$\text{R}^7$  is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

$\text{R}^4$  is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

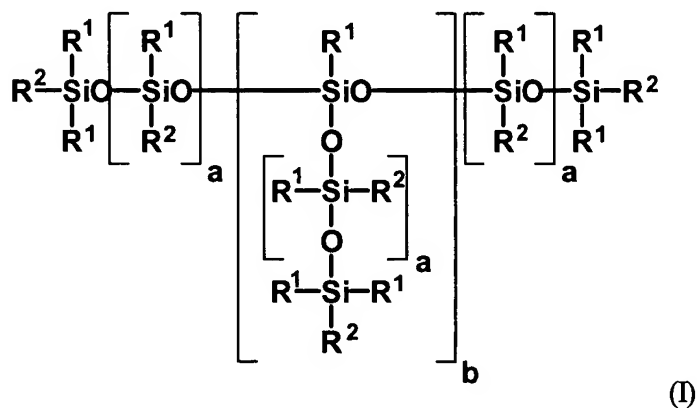
a has a value from 1 to 1000, and

b has a value from 0 to 10

with the proviso that, on statistical average, at least in each case one radical  $\text{R}^2 =$

$-A-R^3$  and  $R^2 = -B-R^4$  is present, or in the case where no radical  $-B-R^4$  is present, at least one radical  $R^2 = -A-R^3$  is present in which  $-A-$  is a divalent polyoxyalkylene group of the above-described general average formula  $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$ .

2. The organopolysiloxane copolymer as claimed in claim 1, wherein the fragment  $[-(O=C)-S-O-]_t$  corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.
3. The organopolysiloxane copolymer as claimed in claim 1, wherein the hydrophilic radical  $R^4$  is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.
4. The organopolysiloxane copolymer as claimed in claim 1, wherein  $b = 0$  and  $a = 10$  to 150.
5. A process for the preparation of a compound of general formula (I)



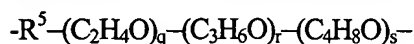
in which

$R^1$  are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

$R^2$  independently of one another are  $R^1$ ,  $-A-R^3$  or  $-B-R^4$

in which

-A- is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds, and/or is a divalent polyoxyalkylene group of the general average formula



in which

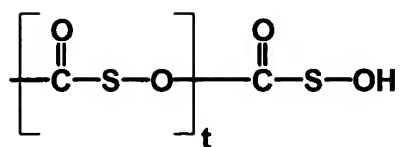
q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

$R^5$  is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

$R^3$  is a polyester radical of the general formula



in which

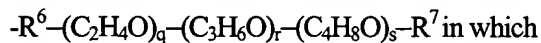
t is integers in the range from 1 to 10, and  $[-(\text{O}=\text{C})-\text{S}-\text{O}-]$  is the fragment of a corresponding hydroxycarboxylic acid

$\text{HO}-(\text{O}=\text{C})-\text{S}-\text{OH}$ , in which

$-\text{S}-$  is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group  $[\text{HO}-\text{C}(\text{O})-]$  and the hydroxyl group  $[-\text{OH}]$ ;

-B- acts as a spacer between siloxane backbone and the radical  $R^4$ ,

$R^4$  is a hydrophilic radical of the general average formula



in which

q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

$R^6$  is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

$R^7$  is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

$R^4$  is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

a has a value from 1 to 1000, and

b has a value from 0 to 10

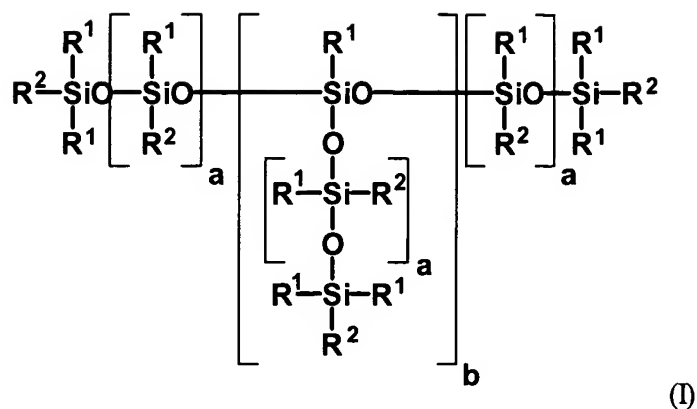
with the proviso that, on statistical average, at least in each case one radical  $R^2 = -A-R^3$  and  $R^2 = -B-R^4$  is present, or in the case where no radical  $-B-R^4$  is present, at least one radical  $R^2 = -A-R^3$  is present in which  $-A-$  is a divalent polyoxyalkylene group of the above-described general average formula  $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$ , which comprises adding on polyester radicals either by hydrosilylation of a polyester carrying a double bond to a polyhydrogensiloxane, or by esterification of an OH-functional polysiloxane with a polyester carrying a free carboxyl group.

6. The method of claim 5, wherein the fragment  $[-(O=C)-S-O-]_t$  corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.

7. The method of claim 5, wherein the hydrophilic radical  $R^4$  is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.

8. The method of claim 5, wherein  $b = 0$  and  $a = 10$  to 150.

9. A dispersion or emulsion comprising at least one of compound of general formula (I)



in which

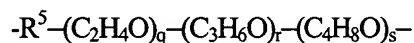
$\text{R}^1$  are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

$\text{R}^2$  independently of one another are  $\text{R}^1$ ,  $-\text{A}-\text{R}^3$  or  $-\text{B}-\text{R}^4$

in which

$-\text{A}-$  is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

and/or is a divalent polyoxyalkylene group of the general average formula



in which

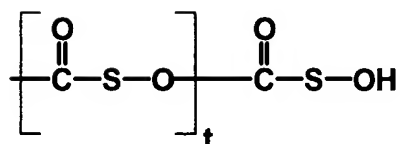
$q = 1$  to 100,

$r = 0$  to 100,

$s = 0$  to 100,

$\text{R}^5$  is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

$\text{R}^3$  is a polyester radical of the general formula



in which

t is integers in the range from 1 to 10, and  $[-(O=C)-S-O-]$  is the fragment of a corresponding hydroxycarboxylic acid  $HO-(O=C)-S-OH$ , in which  
 $-S-$  is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group  $[HO-C(O)-]$  and the hydroxyl group  $[-OH]$ ;

$-B-$  acts as a spacer between siloxane backbone and the radical  $R^4$ ,

$R^4$  is a hydrophilic radical of the general average formula

$-R^6-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-R^7$  in which

$q = 1$  to 100,

$r = 0$  to 100,

$s = 0$  to 100,

$R^6$  is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

$R^7$  is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

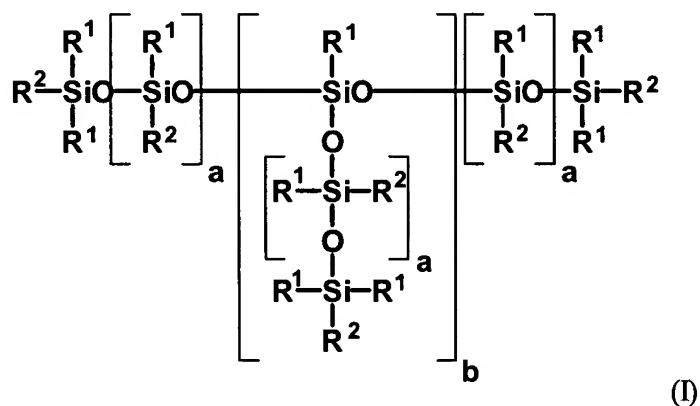
$R^4$  is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

a has a value from 1 to 1000, and

b has a value from 0 to 10

with the proviso that, on statistical average, at least in each case one radical  $R^2 = -A-R^3$  and  $R^2 = -B-R^4$  is present, or in the case where no radical  $-B-R^4$  is present, at least one radical  $R^2 = -A-R^3$  is present in which  $-A-$  is a divalent polyoxyalkylene group of the above-described general average formula  $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$ .

10. The dispersion or emulsion of claim 9 further comprising additional emulsifiers which when used in conjunction with the compound of general formula (I) provide a low-viscosity W/O emulsion having a high content of a dispersed phase.
11. The dispersion or emulsion of claim 9, wherein the fragment  $[-(O=C)-S-O-]_t$  corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.
12. The dispersion or emulsion of claim 9, wherein the hydrophilic radical  $R^4$  is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.
13. The dispersion or emulsion of Claim 9, wherein  $b = 0$  and  $a = 10$  to 150.
14. A cosmetic W/O emulsion comprising 0.5 to 4% by weight, based on the total formulation, of at least one of compound of general formula (I)



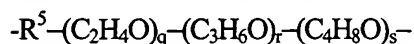
in which

$R^1$  are identical or different and are alkyl radicals having 1 to 30 carbon atoms or phenyl radicals,

$R^2$  independently of one another are  $R^1$ ,  $-A-R^3$  or  $-B-R^4$   
in which



-A- is a divalent alkyleneoxy group having 3 to 24 carbon atoms, which is optionally branched and/or can contain double bonds, and/or is a divalent polyoxyalkylene group of the general average formula



in which

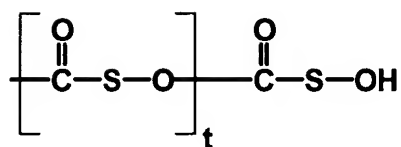
q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

$R^5$  is a divalent alkyleneoxy group having 1 to 24 carbon atoms, which is optionally branched and/or can contain double bonds,

$R^3$  is a polyester radical of the general formula



in which

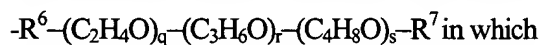
t is integers in the range from 1 to 10, and  $[-(O=C)-S-O-]$  is the fragment of a corresponding hydroxycarboxylic acid

$HO-(O=C)-S-OH$ , in which

-S- is an optionally branched and/or double-bond-containing alkylene radical having 5 to 30 carbon atoms, with the proviso that at least 5 carbon atoms are between the carboxyl group  $[HO-C(O)-]$  and the hydroxyl group  $[-OH]$ ;

-B- acts as a spacer between siloxane backbone and the radical  $R^4$ ,

$R^4$  is a hydrophilic radical of the general average formula



in which

q = 1 to 100,

r = 0 to 100,

s = 0 to 100,

$R^6$  is a divalent alkylene or alkyleneoxy group having 1 to 24 carbon atoms which is optionally branched and/or can contain double bonds;

$R^7$  is a hydrogen atom, alkyl or acyl radical having 1 to 20 carbon atoms, or

$R^4$  is a polyhydroxyorganyl radical, in particular a glycerol, polyglycerol, sugar or sugar derivative radical, a polyvinyl alcohol radical, a carboxylate, sulfate or phosphate radical, an ammonium radical or an amphoteric betaine or amphoglycinate radical,

a has a value from 1 to 1000, and

b has a value from 0 to 10

with the proviso that, on statistical average, at least in each case one radical  $R^2 = -A-R^3$  and  $R^2 = -B-R^4$  is present, or in the case where no radical  $-B-R^4$  is present, at least one radical  $R^2 = -A-R^3$  is present in which  $-A-$  is a divalent polyoxyalkylene group of the above-described general average formula  $-R^5-(C_2H_4O)_q-(C_3H_6O)_r-(C_4H_8O)_s-$ .

15. The cosmetic W/O emulsion of claim 14, wherein the fragment  $[-(O=C)-S-O-]_t$  corresponds to the radical of 12-hydroxystearic acid or of ricinoleic acid and t is between 2 and 5.

16. The cosmetic W/O emulsion of claim 14, wherein the hydrophilic radical  $R^4$  is a radical selected from the group consisting of polyethers, polyglycerol, polyvinyl alcohol, sugar and sugar derivatives.

17. The cosmetic W/O emulsion of claim 14, wherein b = 0 and a = 10 to 150.